

AMENDMENT TO THE SPECIFICATION

Please replace the last full paragraph appearing on Page 11 with the following replacement paragraph:

In another embodiment, oil with magnetic particles in colloidal suspension is placed inside the enhancer at a location near the neck to dampen the diaphragm resonances (~~not shown~~). The magnetic oil used is a colloidal suspension of nanoscopic magnetic particles, such as Ferrofluid® which is manufactured by Ferrofluidics Corporation of Nashua, NH. The amount of oil placed in the enhancer has a thickness of a range of about 1/4 mm to 1 mm ribbon 27 (schematically shown in Figs. 5 and 6) around the inside and outside surfaces of the neck 26 of the enhancer 24, but preferably about 1/2 mm ribbon. The magnetic oil has a viscosity in the range of viscosities generally used for woofers. When the viscosity is altered, the frequency response of the speaker is affected.

Please replace the second paragraph appearing on Page 21, with the following replacement paragraph:

Another embodiment is shown in FIG. 17, and the cross-sectional view of the clamp ring of FIG. 17 illustrated in FIG. 18. The base 210 has the bottom surface 211d with an outside edge 225 220, the top surface 211c with a smaller diameter than that of the bottom surface 211d, and the outer surface 211a which is defined between the top surface and the outside edge of the bottom surface and is therefore tapered. The clamp ring 212 has the inner surface 213 that corresponds to the tapered outer surface 211a of the frame. The tapered angle α is about 1 to 5 degrees. As a result of the taper, the clamp ring and the base are able to fit together in a tight

manner. The clamp ring ~~12~~ 212 has a bottom surface ~~225~~ 226 with interior edges being rounded. When the clamp ring is placed over the base, there is less likely to be a tear in the membrane due to the rounded edges. The clamp stays on the base because there is no more than about 1 mil (0.0254 mm) of tolerance between the base and the clamp. In an embodiment, the adhesive bonds the clamp to the base substantially instantaneously. In another embodiment, the clamp ring has teeth on the tapered inner surface to keep the clamp ring from sliding off of the base.